Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 19 Mar 2023 until 23:59 on Monday 20 Mar 2023

Forecast Issued on Saturday 18 Mar 2023 at 16:21

Confidence: High for a largely fine day through much of tomorrow and for an unsettled week but lower with regard to timing of arrival and clearance of the more persistent bands of rain.

Headline for Sunday 19 Mar 2023: Bright and mainly dry with sunny spells. Evening rain.

Mountain weather hazards on Sunday 19 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability							
30%	20%	<05%	<05%	<05%	<05%	30%	70%

Forecast for Sunday 19 Mar 2023

Weather: Rather cloudy with occasional rain, this gradually dying out through the early hours with cloud breaking towards dawn. Then a bright day with sunny spells but cloud above the summits thickens through the afternoon, bringing outbreaks of rain east during the late afternoon and evening, the rain becoming more persistent and occasionally heavy towards midnight.

Chance of cloud-free hill tops above 600m: Around 75% at dawn rising close to 100% by midday, chances fall towards zero in evening.

Low Cloud and visibility: Occasional cloud above about 600m at first gradually lifting above the summits through the morning, more persistent cloud above 450-600m develops through the evening. Away from cloud visibility very good, falling to several kilometres in evening rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 19 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 W	15/22 W	14/22 NW	12/18 NW	10/15 W	13/21 W	13/20 SW	13/19 SW	15/22 SW
300	10/22 W	11/22 NW	10/23 NW	10/19 NW	8/15 W	11/20 W	9/17 SW	7/15 SW	7/15 S
Valley	7/18 W	8/19 NW	5/16 NW	7/14 NW	8/15 W	10/19 W	6/13 SW	5/12 SW	5/14 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	1/-4	2/-2	4/0	4/-1	2/-3	1/-4	2/-4
300	5/1	4/0	3/-0	5/2	7/4	6/3	4/1	4/1	4/1
Valley	6/3	5/3	4/2	6/4	8/6	8/5	6/4	5/3	5/3
Freezing Level*	900m	900m	800m	700m	800m	800m	700m	700m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Still a significant chill at higher elevations, despite the dry and bright conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 18 Mar 2023	11mm	17mm	31.4mm

Forecast for Monday 20 Mar 2023

Weather: A mostly cloudy day with outbreaks of rain, these persistent and heavy at times, especially in the west with underfoot conditions likely to become very wet. Best of any drier, brighter interludes expected over eastern hills.

Maximum wind: Southerly or southwesterly 15-20mph, with gusts around 35mph over higher ridges and summits at first and again in evening.

Chance of cloud-free hill tops above 600m: Little or no chance across most hills, but 25% over eastern hills.

Low Cloud and visibility: Periods or persistent cloud above 450-600m, lowering to 300m, at times, but cloud becoming more occasional above 600-750m at times over eastern hills. Away from cloud visibility good falling to several kilometres in rain.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 12 or 13 Celsius by day
At 600m: Around plus 2 Celsius rising to plus 7 Celsius
Freezing level: Above the summits.

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